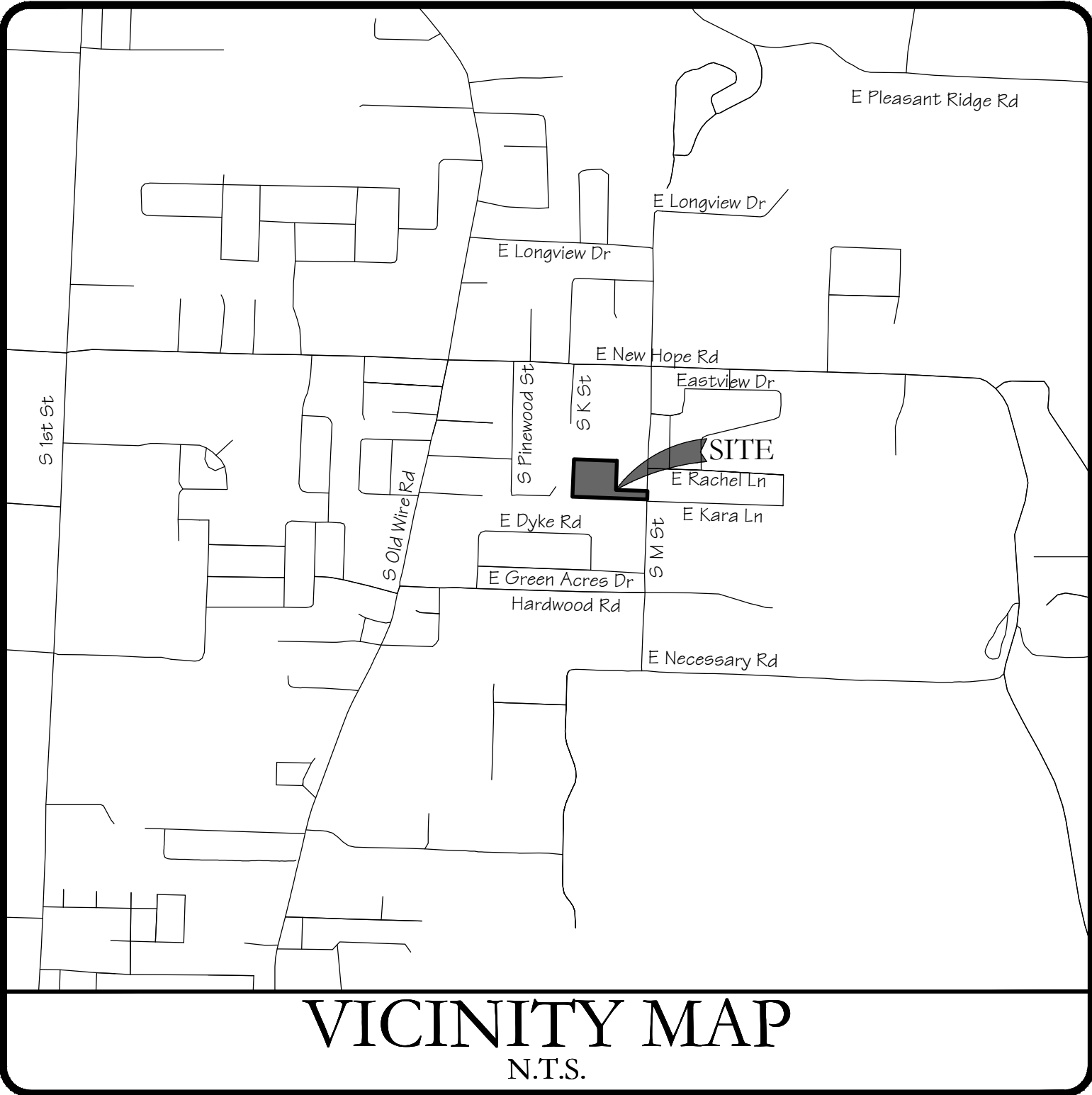


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VICINITY MAP
N.T.S.

- ✕ A minimum of forty eight (48) hours prior to any excavation or grading, Contractor shall contact the State One-Call system at 811 to locate all underground utilities. The Contractor shall notify the Engineer of Record immediately in the event that underground utilities are not shown on plan and / or conflict with proposed civil works.
- ✕ The Engineer of record shall not be held responsible for survey inaccuracies, survey omissions, or for design errors or omissions resulting from an inaccurate survey.
- ✕ Construction Contractor and his Subcontractors agree that in accordance with generally accepted construction practices and OSHA safety standards, Construction Contractor and his Subcontractors will be required to assume sole and complete responsibility for job site conditions during the course of construction of the project, including safety of all persons and property; that this requirement shall be made to apply continuously and not limited to normal working hours, and construction Contractor and his Subcontractors further agree to defend, indemnify and hold Design Professional harmless from any and all liability, real or alleged, in connection with the performance of work on this project, except liability arising from the sole negligence of design professional.
- ✕ It is the responsibility of the Contractor to maintain all erosion and sediment control devices through all phases of construction. Erosion and sediment control devices may only be removed upon 70% stabilization of the site as defined by the State's Department of Environmental Quality's General Permit for Construction.
- ✕ The Contractor is to be solely responsible for any damage to neighboring properties during construction of this project.
- ✕ This project was designed in accordance with currently accepted industry design standards. The Engineer of Record does not warrant any work completed on site unless direct inspection by the Engineer of Record & proper testing by a state certified qualified inspection lab occurs during all phases of construction.
- ✕ The Contractor shall review the construction documents prior to any construction, and notify the Engineer of Record immediately upon discovery of any discrepancies that may occur on the drawings. All work shall discontinue until such time that the Engineer of Record has resolved said discrepancy.
- ✕ The Contractor shall be responsible for disposal of construction waste materials including but not limited to demolition materials, debris, contaminated soils / materials, etc. in a lawful manner, at state and federally accepted disposal sites.
- ✕ The Contractor is responsible for obtaining and constructing in accordance with the stricter of: these construction documents and any associated details & specifications; and all municipalities / governing agencies' standards and specifications for construction.
- ✕ This drawing set and associated site, grading, utility, etc. plans are representations of the construction design and shall not be scaled to determine dimensions.

TRACT 1
A PART OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 19, TOWNSHIP 19 NORTH, RANGE 29 WEST, BENTON COUNTY, ARKANSAS, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: TO W/TE BEGINNING AT A POINT WHICH IS S01°44'46"W 1183.76' FROM THE NORTHEAST CORNER OF SAID FORTY ACRE TRACT AND RUNNING THENCE S01°44'46"W 73.91', THENCE N87°58'49"W 660.11' TO A FOUND IRON PIN, THENCE N02°20'06"E 330.01' TO A FOUND IRON PIN, THENCE S87°59'53"E 377.34' TO A SET IRON PIN, THENCE S01°44'46"W 256.22' TO A SET IRON PIN, THENCE S87°58'49"E 279.38" TO THE POINT OF BEGINNING. CONTAINING 3.35 ACRES MORE OR LESS. SUBJECT TO EASEMENTS AND RIGHTS-OF-WAY OF RECORD.

OWNER:
Ana Arteaga
1926 South M Street
Rogers, AR 72758
Phone (479) 544-0912

ENGINEER:
Blew and Associates, PA
524 W. Sycamore St, Ste 4
Fayetteville, AR 72703
Phone (479) 443-4506

LAND SURVEYOR:
Blew and Associates, PA
524 W. Sycamore St, Ste 4
Fayetteville, AR 72703
Phone (479) 443-4506

CITY OF ROGERS:
Planning & Transportation
301 W. Chestnut
Rogers, Arkansas 72756
Phone: (479) 621-1186
Fax: (479) 631-0091

WATER & SEWER:
Rogers Water Utilities
601 S. 2nd Street
Rogers, AR 72756
Phone: (479) 621-1142
Fax: (479) 621-1146

FIRE DEPARTMENT:
201 N. 1st Street
Rogers, AR 72756
Phone: (479) 621-1179

CABLE TV:
Cox Communications
4901 South 48th Street
Springdale, AR 72762
Phone: (479) 717-3765
Fax: (479) 872-0174

ELECTRIC:
Southwestern Electric Power
(AEP)
Engineering Department
Phone: (479) 973-2447

GAS:
Source Gas
219 N. 3rd Street
Rogers, AR 72756
Phone: (479) 636-1759
Fax: (479) 636-3467

TELEPHONE:
AT & T
627 White Road
Springdale, AR 72702
Phone: (479) 442-3107
Fax: (479) 442-3117

ARKANSAS STATE PLUMBING
INSPECTION
PHONE: (501) 661-2000

U.S. ARMY CORPS OF
ENGINEERS:
Little Rock District
CESWL-RO
P.O. Box 867
Little Rock, AR 72203-0867
Phone: (501) 324-5295
Fax: (501) 324-6013

Title		Date
CIVIL PLANS		
C1	Cover Sheet	03/11/2016
C2	Site Plan	03/11/2016
C2-1	Landscape Plan	03/11/2016
C3	Demolition and Erosion Control Plan Ph 1	03/11/2016
C3-1	Erosion Control Plan Ph 2	03/11/2016
C3-2	Erosion Control Details	03/11/2016
C4	Grading and Drainage Plan	03/11/2016
C5	Utility Plan	03/11/2016
C6	Details	03/11/2016
ALTA SURVEY		
1	Survey (by -)	mm/dd/yyyy

Abbrev.		Description	
RCP	Reinforced Concrete Pipe	TC	Top of Back of Curb (Spot Elevation)
CMP	Corrugated Metal Pipe	G	Gutter / Bottom of Sidewalk (Spot Elevation)
HDPE	High Density Polyethylene Pipe	TW	Top of Wall (Spot Elevation)
SLMP	Smooth Line Metal Pipe	BW	Bottom of Wall at Grade (Spot Elevation)
PVC	Polyvinyl Chloride Pipe	HP	High Point (Spot Elevation)
DI	Ductile Iron Pipe	LP	Low Point (Spot Elevation)
J-Box	Junction Box	TB	Top of Box (Spot Elevation)
FES	Flared End Section	BC	Back of Curb
RW	Retaining Wall	FC	Face of Curb
HW	Head Wall	FH	Fire Hydrant Assembly
WW	Wing Wall	GV	Gate Valve
AE	Access Easement	MJ	Mechanical Joint
DE	Drainage Easement	N	North
TCE	Temporary Construction Easement	E	East
UE	Utility Easement	W	West
BS	Building Setback	S	South

CERTIFICATE OF AUTHORIZATION

BLEW & ASSOCIATES, P.A.

N

ARKANSAS

*** Engineers Notice ***

The existence and location of any underground utility pipes or structures shown on these drawings are obtained by a search of the available records. To the best of our knowledge there are no existing utilities located on these drawings that are not shown. However, the Contractor is responsible for the detection and location of these utilities. The Contractor is required to take the precautionary measures to protect the utility lines shown, and all other lines not of record or not shown on these drawings by verification of their location in the field prior to the initiation of the actual portion of the their work.

*** Document Ownership ***

This document, and the ideas and designs incorporated herein as and instrument of professional services, is the property of Blew & Associates, P.A. and is not to be used, in whole or part, for any other project without the written authorization of Blew & Associates, P.A.

Cover Sheet

LSD /For:

Iglesia Pentecostes Rios de Agua Viva

1926 South M Street

Ana Arteaga

Iglesia Pentecostes Rios de Agua Viva

Rogers, AR 72758

(479) 544-0912

SEAL

NOT FOR CONSTRUCTION FOR REVIEW ONLY!!!

BLEW & ASSOCIATES, PA

CIVIL ENGINEERS & LAND SURVEYORS

524 W. SYCAMORE ST, SUITE 4

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FAX: 479.582.1883

www.BLEWINC.com

Certificate of Authorization № 1534

DRAWN BY:

G. FOX

JOB NUMBER:

16-129

SUBMITTED DATE:

2016-03-11

SCALE:

As Noted

DRAWING NAME:

















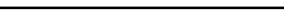


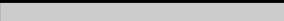





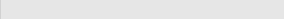



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SHEET NUMBER:

C1

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Proposed Features:

Feature	Description
	Property Line
	Onsite Property Line
	Offsite Property Line
	Right-Of-Way Line
	Setback Line
	Easement Line
	Zoning Limits
	Street / Drive Centerline
	Curb And Gutter
	(See Site Plan For Size)
	Thickened Edge Of Pavement
	Edge Of Gravel
	Firelane Striping
	Asphalt Pavement (See Detail Sheet For Pavement Sections)
	Concrete Pavement (See Detail Sheet For Pavement Sections)
	Concrete Sidewalk (See Site Plan For Dimensions)
	General Fence Line (See Plan For Type)
	Chain Link Fence Line
	Board Fence Line
	Parking Counter
	Storm Catch Basin(s)
	Retaining Wall
	Gate Valve
	Fire Hydrant Assembly
	Water Meter - Single
	Water Meter - Double
	Sanitary Sewer Manhole
	Utility Pole
	Light Pole

Note:

- See Survey For Existing Features Legend.
- See Cover Sheet For Abbreviation List.

Site General Notes:

- Dimensions are measured from the Face of Curb, the Edge of Pavement, the Edge of Sidewalk the Face/Corner of the Building(s) or the Center/End of Stripe.
- All radii shall be 4-foot at Face of Curb unless otherwise specified.
- Layout of Site Plan is based on and limited to survey information.
- All Curb & Gutter shall be 24" wide per detail sheet.
- All Pavement Marking shall be applied in accordance with the requirements outlined in the most current edition of the "Manual on Uniform Traffic Control Devices" (MUTCD).
- All Signs, Traffic Control Devices, etc. shall follow the guidelines of the MUTCD.
- The Contractor shall refer to the Architectural drawings for Building Floor plans and Dimensions, Wall Sections, Door Openings, Building Utility Entrance Points, etc. The Contractor shall immediately notify the Architect and Engineer in the event that the Civil Site Plans Building Layout does not match the Architectural drawings.
- All handicap spaces shall be striped / marked in accordance with the handicap striping detail.
- All pavement indicated shall be standard duty bituminous pavement unless otherwise noted on plan. The pavement shall be constructed in accordance with the pavement section detail.
- It is the Contractor's responsibility to calculate construction staking coordinates according to the dimensions shown on these plans. The Contractor shall verify the accuracy of the coordinates shown on the plans and notify the Engineer of any irregularities before construction starts.
- All ramps shall have detectable truncated dome panels per A.D.A. and city standards and the detail sheet

Site Information:

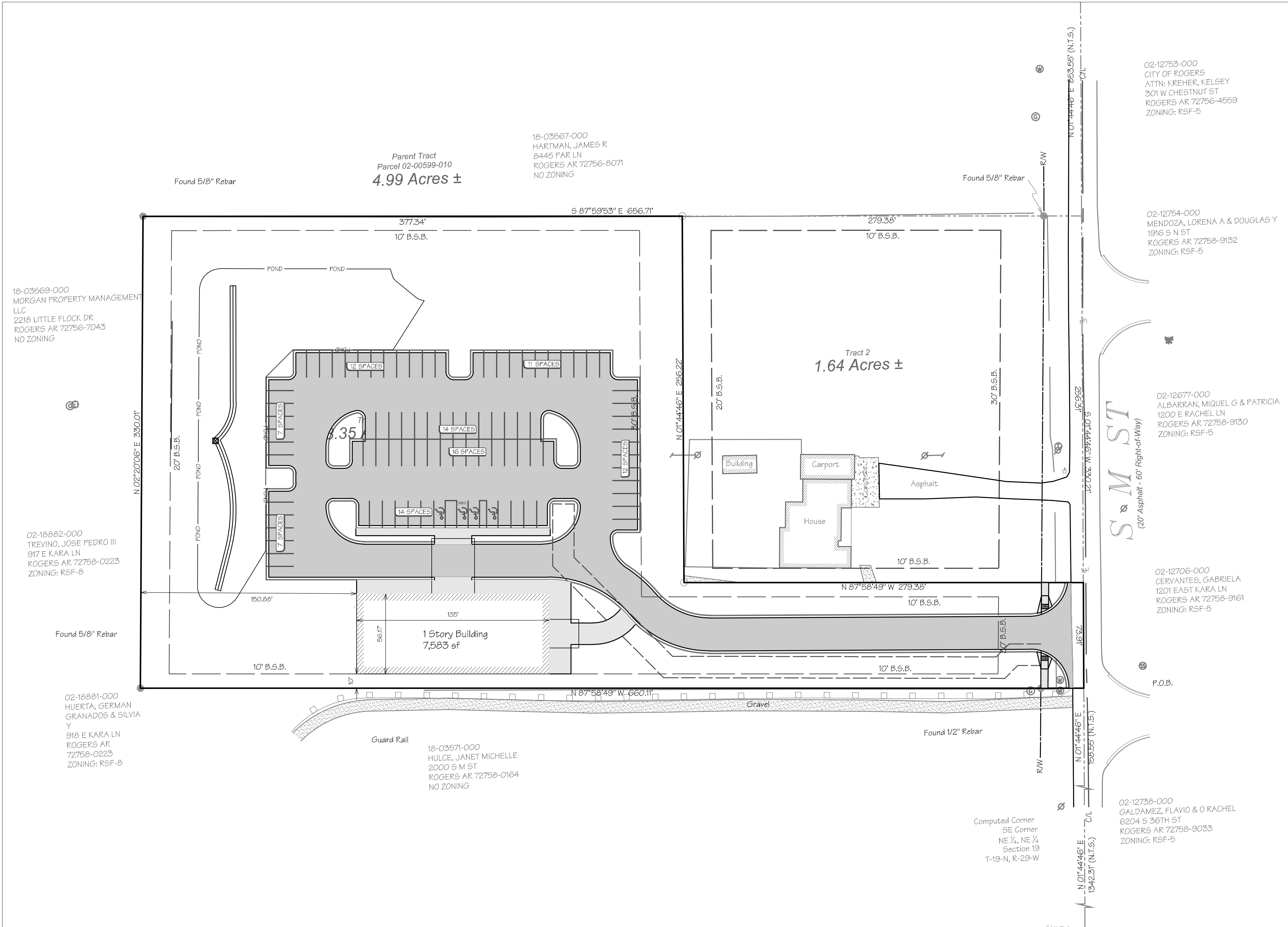
PROPERTY INFORMATION			
Gross Site Area:	145,753.16 sf	3.35 acres	
Proposed Dedicated R.O.W:	2,193.25 sf	0.05 acres	
Net Site Area:	143,559.91 sf	3.30 acres	
Zoning:	RSF - Residential		
FRONTAGE REQUIREMENTS			
Length of Frontage:			74 ft
Required (1 Tree / 20 ft):			4 Trees
Total Proposed:			4 Trees
PERIMETER REQUIREMENTS			
Lot Area:			143560 sf
Required (1 Tree or Shrub / 1000 sf up to 2 ac):			84 Shrubs
Required (1 Tree or Shrub / 2000 sf over 2 ac):			28 Shrubs
Provided:	30 Trees / 96 Shrubs		
GREENSPACE REQUIREMENTS			
Site Area:			143560 sf
Required (20% of Site Area):			28712 sf
Provided:			85180 sf

Flood Statement:

BY GRAPHIC PLOTTING ONLY, NO PORTION OF THIS PROPERTY IS IN ZONE "A" OR "AE" OF THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 05470309K, WHICH BEARS AN EFFECTIVE DATE OF 06/05/2012 AND IS NOT IN A SPECIAL FLOOD HAZARD AREA.







































Site Plan Notes:

SN-04	4" Painted Yellow Striping
SN-06	4" Wide Painted Stripes, 2'-0" o.c. @ 45°
SN-16	Edge of Pavement



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Proposed Features:

Feature	Description
	Property Line
	Onsite Property Line
	Offset Property Line
	Right-Of-Way Line
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	Zoning Limits
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	Concrete Sidewalk (See Site Plan For Dimensions)
	General Fence Line (see Plan For Type)
	Chain Link Fence Line
	Board Fence Line
	Storm Catch Basin(s)
	Storm Pipe (See Grading Plan For Type And Size)
	Retaining Wall
	See Utility Plan For Line Sizes
	Water Line
	Tee, Cross, Bends, Gate Valve & Reducer
	Fire Hydrant & Assembly
	Water Meter - Single
	Water Meter - Double
	Sanitary Sewer Force Main
	Sanitary Sewer Line
	Sanitary Sewer Service
	Sanitary Sewer Manhole
	Gas Line
	Overhead Electric Line
	Underground Electric Line
	Cable Television Line
	Fiber Optic Line
	Overhead Telephone Line
	Underground Telephone Line
	Utility Pole
	Light Pole

Note:

- Only Symbols That Appear On This Sheet Are Shown In This Legend.
- See Survey For Existing Features Legend.
- See Cover Sheet For Abbreviation List.

Landscape Notes:

- DIMENSIONS ARE MEASURED FROM THE FACE OF CURB, THE FACE/CORNER OF THE BUILDING(S) OR THE CENTER OF STRIPE.
- LANDSCAPE CONTRACTOR SHALL CONTACT ARKANSAS ONE CALL FOR UTILITY LOCATIONS PRIOR TO BEGINNING LANDSCAPE WORK.
- GRASS AREAS SHALL BE SODDED WITH ZOYSIA GRASS OR A SUITABLE SUBSTITUTE OR HYDROSEEDDED PER MANUFACTURER'S INSTRUCTIONS. WITH A MIXTURE OF 70% ZOYSIA AND 30% BLUEGRASS AT A RATE OF 204LBS/1000 S.F.
- IF GRASSED AREA IS HYDROSEEDDED, A MULCH EMULSIFIER SHALL BE ADDED (NOT CONTAINING ASPHALT) AND APPLIED PER MANUFACTURER'S INSTRUCTIONS.
- ALL LANDSCAPE BEDS ARE TO BE MULCHED WITH EITHER TANNED HARDWOOD BARK OR REDWOOD MULCH, WITH A THICKNESS OF 3" OVER ENTIRE BED.
- SOIL WITHIN LANDSCAPE BEDS IS TO BE AMENDED WITH EQUAL PARTS OF PERLITE (OR EQUITABLE SUBSTITUTE), PEAT MOSS AND CLEAN TOP SOIL. ALL LANDSCAPE BEDS ARE TO HAVE SOD REMOVED BEFORE INSTALLATION OF PLANT MATERIAL.
- ALL PLANT MATERIALS SHALL MEET REQUIREMENTS ESTABLISHED BY THE AMERICAN STANDARD OF NURSERY STOCK.
- ALL PLANT AND LANDSCAPE MATERIALS SHALL BE INSTALLED PER CITY'S LANDSCAPE MANUAL.

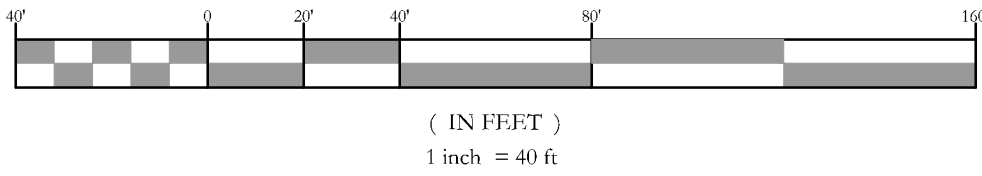
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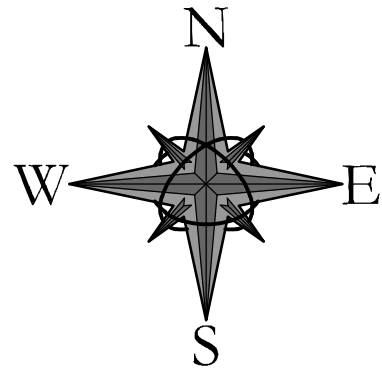
Landscape Legend:

Key	Symbol	Qty.	Botanical/Common	Caliper	Comments
ER		30	Eastern Redbud Cercis canadensis	1 1/2"	Balled & Burlapped Limbed 6 ft from the Ground
GB		86	American Gooseberry Ribes Hirtellum "Fredonia"		5 Gallon
			Grass Area		44,800 S.F.

GRAPHIC SCALE



Know what's below.
Call before you dig.



VICINITY MAP

N.T.S.

REVISIONS:	DATE:	DESCRIPTION:
No.		

Landscape Plan

LSD /For: Iglesia Pentecostes Rios de Agua Viva

1926 South M Street

Ana Arteaga

Iglesia Pentecostes Rios de Agua Viva

Rogers, AR 72758

(479) 544-0912

NOT FOR CONSTRUCTION FOR REVIEW ONLY!!!

BLEW & ASSOCIATES, PA

CIVIL ENGINEERS & LAND SURVEYORS

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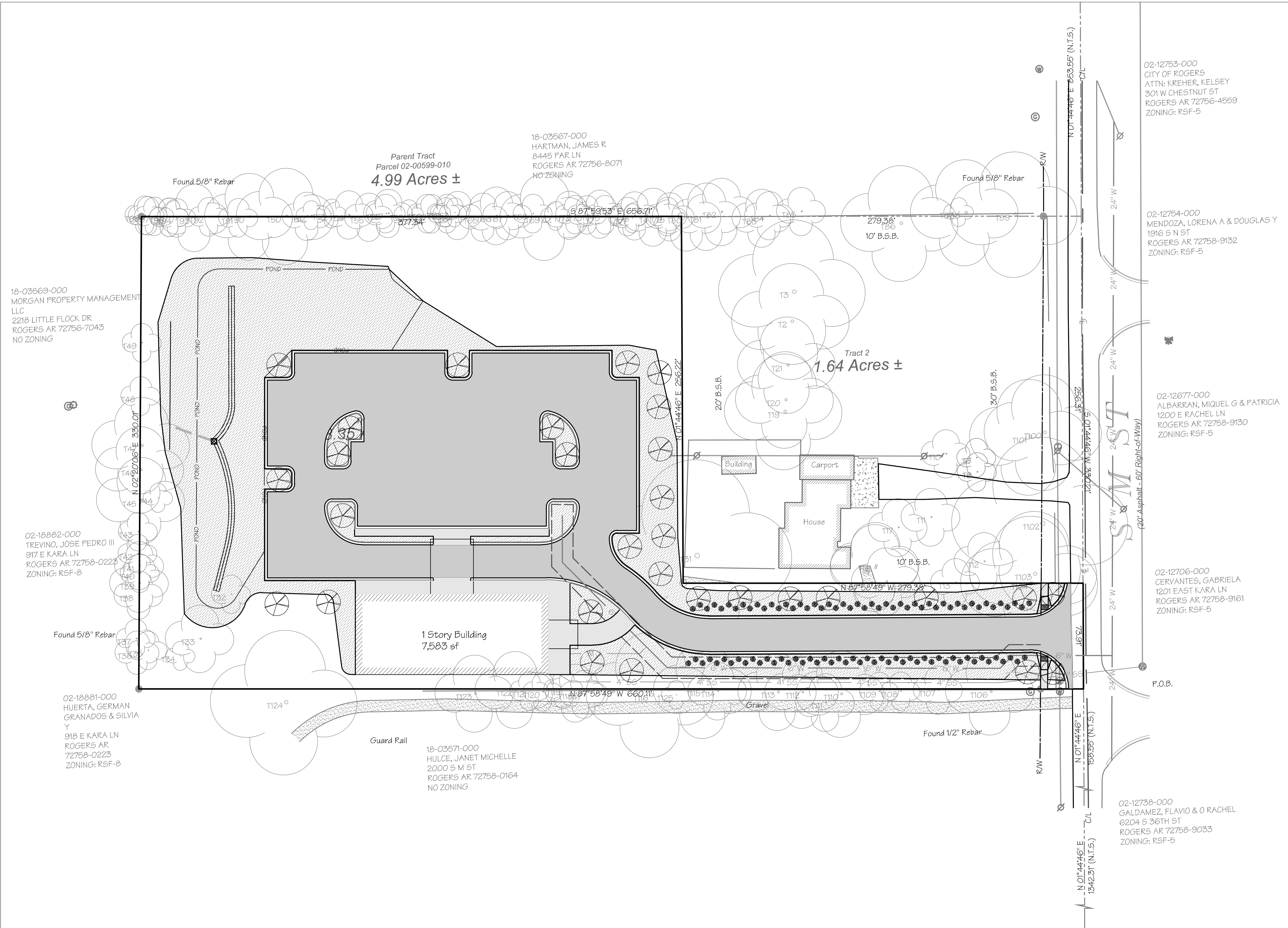
OFFICE: 479.443.4506

FAX: 479.582.1883

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Certificate of Authorization No 1534	
DRAWN BY:	JOB NUMBER:
G. Foix	16-129
REVISIONS DATE:	SCALE:
2016-03-11	As Noted
DRAWING NAME:	
16-129 Civil 001.dwg	
SHEET NUMBER:	

C2-1



Proposed Features:

Feature	Description
---	Property Line
---	Onsite Property Line
---	Offsite Property Line
---	Right-Of-Way Line

Note:

- See Survey For Existing Features Legend.
- See Cover Sheet For Abbreviation List.

Demolition Notes:

- Contractor shall be responsible for removal of the Existing Structures, Related Utilities, Paving, Underground Storage Tanks and any other existing improvements as noted. Contractor is to remove and dispose of all debris, rubbish, and other materials resulting from previous and current demolition operations. Disposal shall be in accordance with all local, State and/or Federal Regulations Governing such operations.
- The General Contractor shall take all precautions necessary to avoid property damage to adjacent properties during the construction phases of this project. The contractor will be held solely responsible for any damages to the adjacent properties occurring during the construction phases of this project.
- The Contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records of the various utility companies, and where possible, measurements taken in the field. The information is not to be relied upon as being exact or complete. The contractor must call the appropriate utility company at least 48 hours prior to any excavation to request exact field location of utilities. It shall be the contractor's responsibility locate all existing utilities which conflict with the proposed improvements shown on the plans, whether shown or not shown at no additional cost to the owner.
- Contractor shall remove all buildings, pavement, curbs, trees, light poles, utility poles and lines from the site up to the limits of construction or the property line unless otherwise noted. Contractor shall cap/plug any water, gas, sanitary sewer or storm sewer line at the property line. Electric and Telephone lines whether overhead or underground shall be terminated at the closest utility pole or pedestal to the property line or per the Designated Utility Company's Requirements.
- It is the Contractor's responsibility to remove any and all asbestos or any other hazardous materials from the site per government guidelines and shall dispose of the hazardous materials in strict accordance to the guidelines.
- Contractor shall ensure that adequate measures are taken prior to the removal of any existing storm water / sanitary sewer systems so that the discharge of water remains uninterrupted both on and off the site.
- Contractor shall ensure that any utility service to the site that shall be removed will not interrupt service to the neighboring property owners. It is the contractors responsibility to coordinate with the neighboring property owners if service will be interrupted.

Demolition Notes:

Key	Description
DEMO	Existing to be Removed / Demolished
SAVE	Existing to Remain. In the case of vegetation, Contractor shall ensure survival of plants
RELOC	Existing to be Relocated.

Erosion General Notes:

- The Storm Water Pollution Prevention Plan (SWPPP) is comprised of the Erosion Phase I & II construction drawings, the standard details and any related documents including City ordinance.
- Contractor shall implement best management practices as required by the SWPPP. Additional best management practices shall be implemented as dictated by conditions at no additional cost of owner. The use of motor oils and other petroleum based or toxic liquids for dust suppression operations is prohibited.
- Best Management Practices (BMP's) and controls shall conform to federal, state, or local requirements or manual of practice, as applicable, Contractor shall implement additional controls as directed by permitting agency or owner.
- Site map must clearly delineate all state waters. Permits for any construction activity impacting state waters or regulated wetlands must be maintained on site at all times. Contractor shall minimize clearing to the maximum extent practical or as required by the general permits.
- General Contractor shall denote on plan the temporary parking and storage area which shall also be used as the equipment maintenance and cleaning area, employee parking area, and area for locating portable facilities, office trailers, and toilet facilities.
- All wash water (concrete trucks, vehicle cleaning, equipment cleaning, etc.) shall be detained and properly treated or disposed.
- Sufficient oil and grease absorbing materials and flotation booms shall be maintained on site or readily available to contain any clean-up fuel or chemical spills and leaks.
- Dust on the site shall be controlled. The use of motor oils and other petroleum based or toxic liquids for dust suppression operations is prohibited.
- Rubbish, trash, garbage, litter, or other such materials shall be deposited into sealed containers. Materials shall be prevented from leaving the premises through the action of wind or stormwater discharge into drainage ditches or waters of the state or U.S.
- All storm water pollution prevention measures presented on this plan, and in the Storm Water Pollution Prevention Plan, shall be initiated as soon as practicable.
- Disturbed portions of the site where construction activity has stopped shall be temporarily seeded no later than 14 days after the last construction activity occurring in these areas.
- Disturbed portions of the site where construction activity has permanently stopped shall be permanently seeded. These areas shall be seeded no later than 14 days after the last construction activity occurring in these areas. Refer to the grading plan and/or landscape plan.
- If the action of vehicles traveling over the gravel construction entrances is not sufficient to remove the majority of dirt or mud, then the tires must be washed before the vehicles enter a public road. If washing is used, provisions must be made to intercept the wash water and keep the sediments before it is carried off the site.
- All materials spilled, dropped, washed, or tracked from vehicles onto roadways or into storm drains must be removed immediately.
- Contractors or subcontractors will be responsible for removing sediment in the detention pond and any sediment that may have collected in the storm sewer drainage systems in conjunction with the stabilization of the site.
- On-site & off-site soil stockpile and borrow areas shall be protected from erosion and sedimentation through implementation of best management practices. Stockpile and borrow area locations shall be noted on the site map and permitted in accordance with general permit requirements.
- Slopes shall be left in a roughened condition during the grading phase to reduce runoff velocities and erosion.
- Due to the grade changes during the development of the project, the Contractor shall be responsible for adjusting the erosion control measures (silt fences, straw bales, etc.) to prevent erosion.
- All construction shall be stabilized at the end of each working day, this includes backfilling of trenches for utility construction and placement of gravel or bituminous paving for road construction.

Temp & Perm Controls:

Feature	Key	Description
ENTRA	ENTRA	Temporary Gravel Construction Entrance
STRAW	STRAW	Straw Bale Barrier
SILT F	SILT F	Silt Fence
GRASS	GRASS	Existing Grass (See Plan For Wash)
TILE INLET	TILE INLET	Inlet Protection
RIPRAP	RIPRAP	Rip-rap (see Plan For Size)
RCD	RCD	Rock Check Dams
AVD	AVD	Anti-vortex Device

Note:

- Only symbols that appear on this sheet are shown in this legend.

Maintenance:

- All measures stated on this erosion and sediment control plan, and in the storm water pollution prevention plan, shall be maintained in fully functional condition until no longer required for a completed phase of work or final stabilization of the site. All erosion and sedimentation control measures shall be checked by a qualified person in accordance with the contract documents or the applicable permit, whichever is more stringent, and repaired in accordance with the following:
- Inlet protection devices and barriers shall be repaired or replaced if they show signs of undermining, or deterioration.
 - All seeded areas shall be checked regularly to see that a good stand is maintained. Areas should be fertilized, watered, and reseeded as needed.
 - Silt fences shall be repaired to their original conditions if damaged. Sediment shall be removed from the silt fences when it reaches one-half the height of the silt fence.
 - The construction entrances shall be maintained in a condition which will prevent tracking or flow of mud onto public rights-of-way. This may require periodic top dressing of the construction entrances as conditions demand.
 - The temporary parking and storage area shall be kept in good condition (suitable for parking and storage). This may require periodic top dressing of the temporary parking as conditions demand.
 - Outlet structures in the sedimentation basins shall be maintained in operational conditions at all times. Sediment shall be removed from sediment basins or traps when the design capacity has been reduced by 50%.

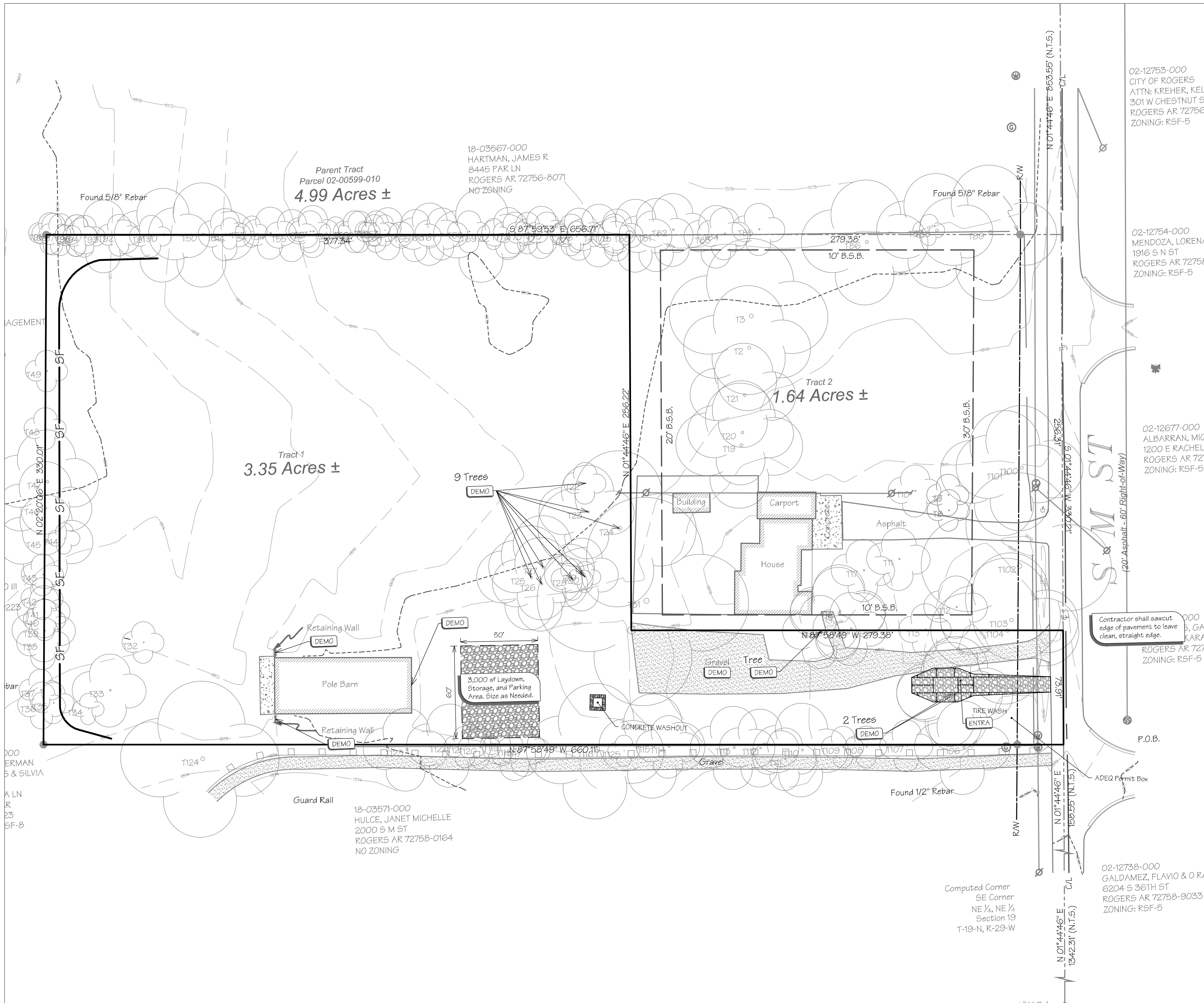
Sequence of Construction:

SWPPP Phase I:

- Pre-construction meeting.
- Install stabilized construction exit(s) and concrete wash area(s).
- Prepare temporary parking and storage area. Upon implementation and installation of the following areas:
 - Trailer
 - Parking & storage areas
 - Lay down
 - Porta potty
 - Wheel wash &/or concrete washout
 - Masons area
 - Fuel and material storage containers
 - Solid waste containers, etc.,denote them on the site maps immediately and note any changes in the locations as they occur throughout the construction process.
- The following shall be shown on the erosion control site map upon implementation and installation:
 - Construction trailer(s)
 - Parking & storage areas
 - Lay down
 - Porta-potty
 - Wheel wash &/or concrete washout
 - Fuel and material storage containers
 - Solid waste containers, etc.
- Construct the silt fences on the site.
- Contractor shall halt all ground disturbance activities and contact the civil engineer of record to perform inspection and certification of bmps.
- General contractor shall schedule and conduct storm water pre-construction meeting with engineer and all ground-disturbing contractors before proceeding with construction.
- Construct the sediment basin(s) with outfall structure as shown on plan.
- Clear and grub the site.
- Start construction of building pad and structures, if any.
- Begin grading the site.

SWPPP Phase II

- Temporarily seed denuded areas.
- Install utilities, underdrains, storm sewers, curbs and gutters.
- Install rip rap around outlet structures where noted on plans.
- Install inlet protection around all storm sewer structures.
- Prepare site for paving.
- Pave site.
- Install inlet protection devices.
- Complete grading and install permanent seeding and planting.
- Remove all temporary erosion and sediment control devices (only if site is stabilized).



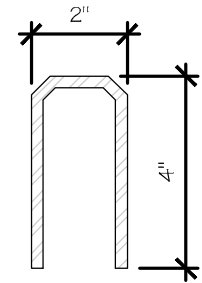
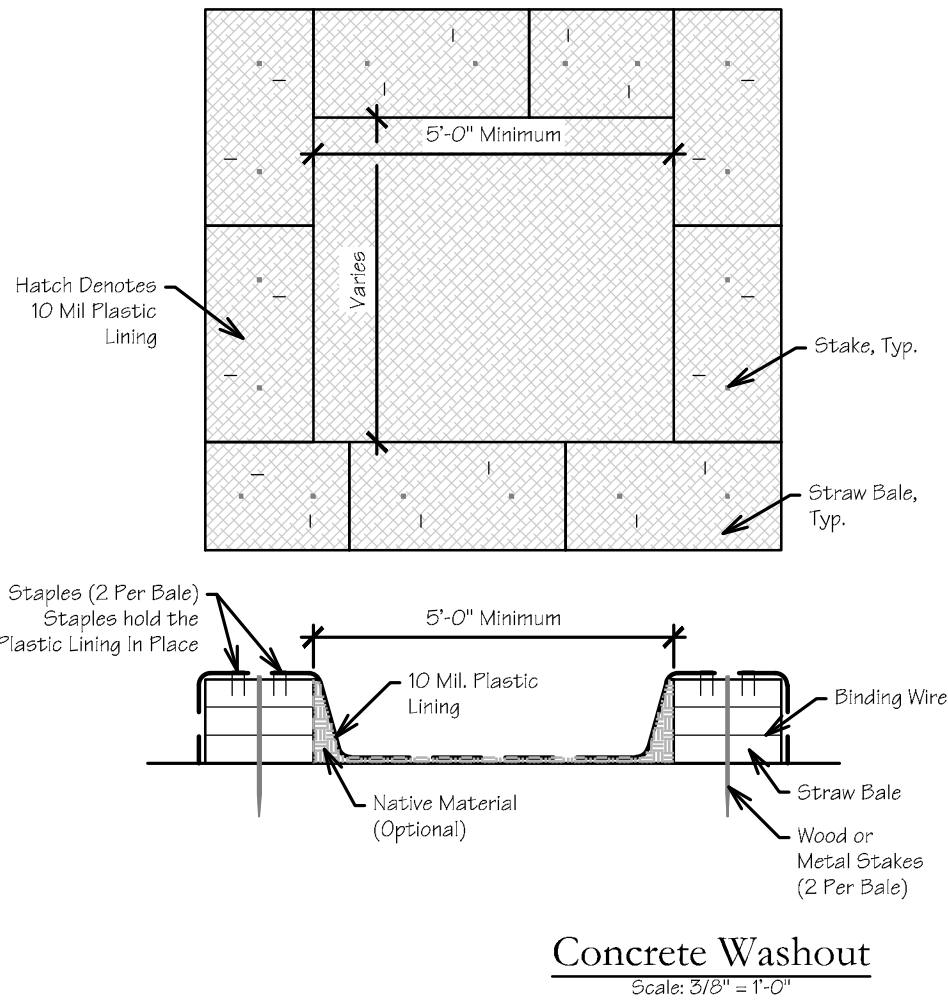
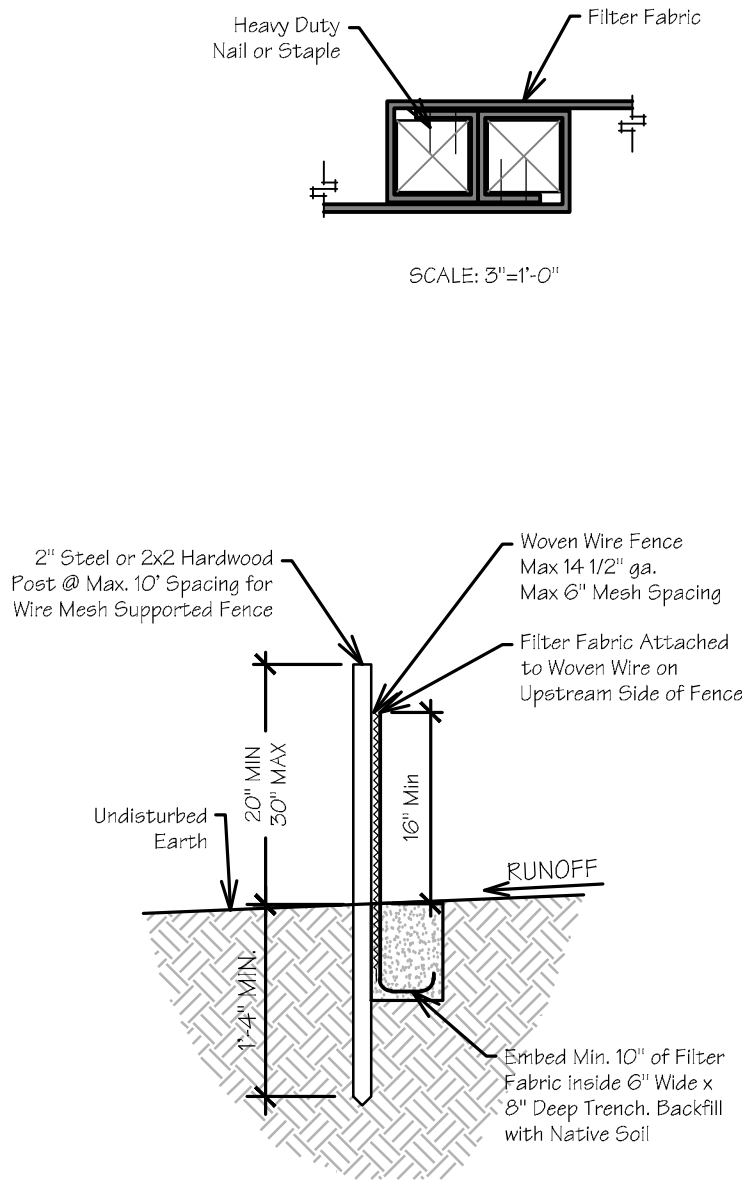
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Notes and Specifications:

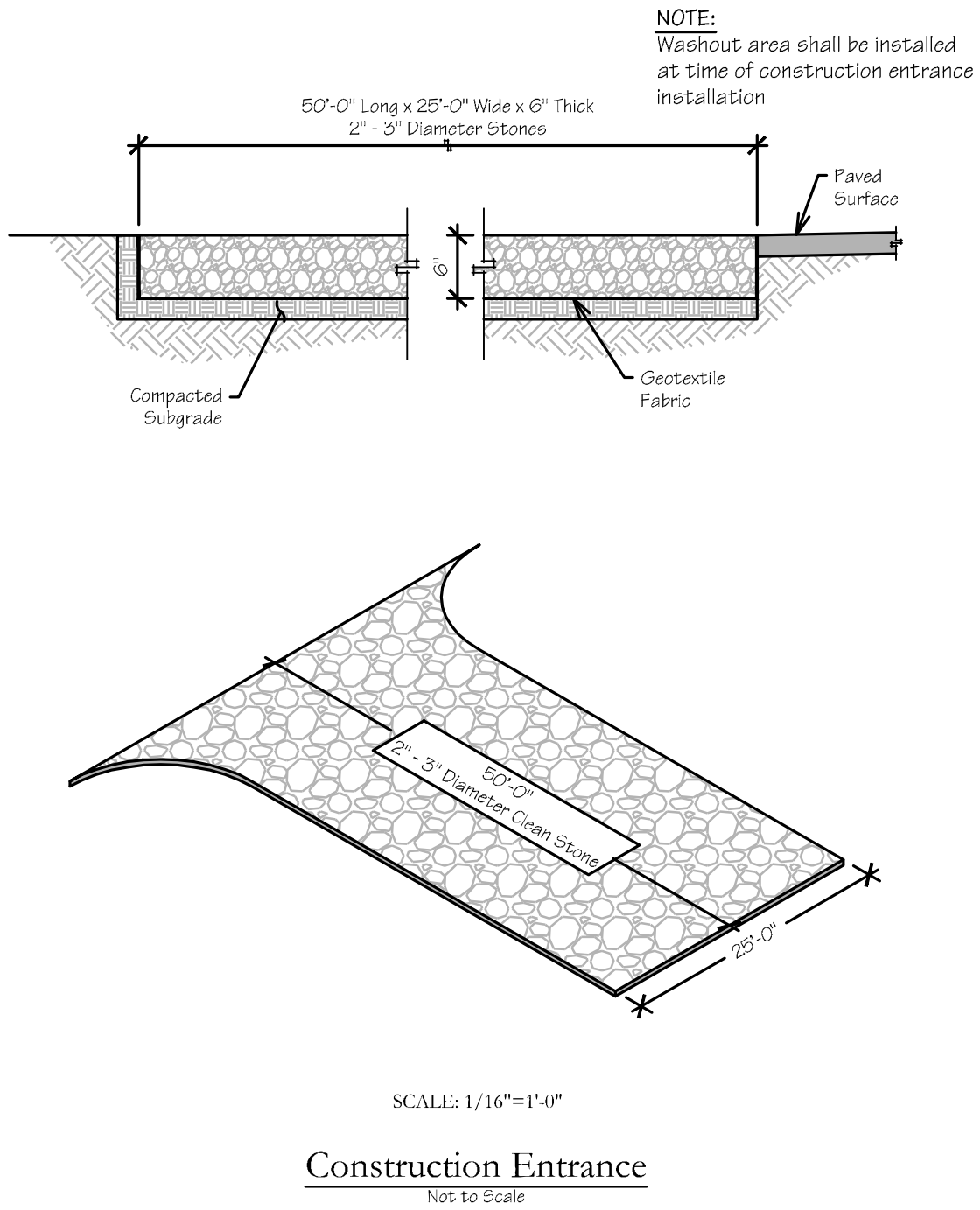
1. Posts shall be a minimum length of thirty-six (36) inches constructed of either of the following materials: Steel "I" or "U" type, or 2" x 2" hardwood.
2. Woven Wire used as additional fence support shall be Minimum 14.5 gauge with six (6) inch Maximum Mesh Spacing.
3. Woven Wire shall be placed along the uphill side of the fence and fastened with Wire Ties or one (1) inch staples along the uphill side of the posts.
4. Filter Fabric shall be fastened to Woven Wire according to Manufacturer's recommendation, or with ties every twenty four (24) inches at the top and mid-sections.
5. Where two pieces of Filter Fabric adjoin each other they shall be overlapped by six (6) inches and folded together.
6. Where two posts meet to join fence sections, the tops of the posts shall be secured together with wire.
7. The fence shall be constructed along the contour as much as possible.
8. Ends of fences shall be extended up the slope to prevent runoff from migrating around the end of the fence.
9. Inspection of the fence shall be performed weekly, or immediately after a rain event, or when bulges appear in the fence. accumulated silt shall not be allowed to exceed half the height of the fabric. repair and or replacement of damaged fence shall be completed promptly.
10. Accumulated silt shall be removed and disposed of in an approved site in such a manner that it will not contribute to off-site siltation.
11. All fencing shall be removed when the construction site is fully stabilized so as to not impede storm flow or drainage.
12. Pre-fabricated units do not require the use of woven wire fence.

Silt Fence (ER-SF)

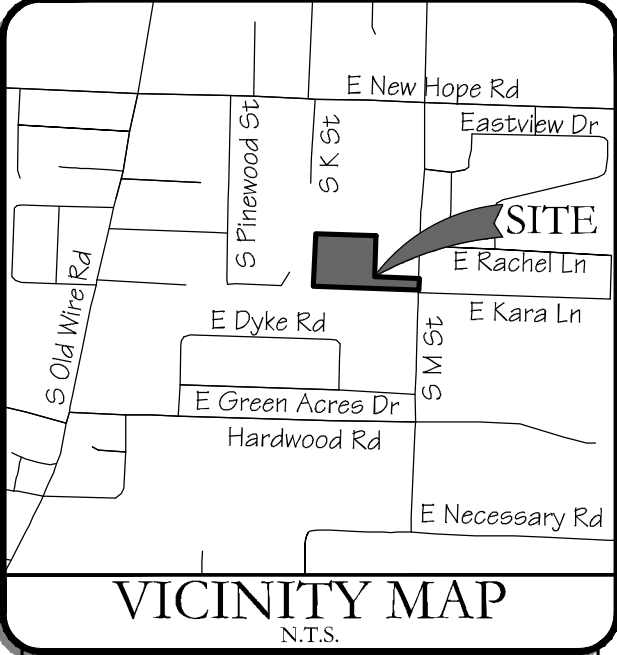
Scale: As Noted



Staple Detail



Construction Entrance
Not to Scale



VICINITY MAP
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Erosion Control Details

LSD /For:
Iglesia Pentecostes Rios de Agua Viva
1926 South M Street
Ana Arteaga
Iglesia Pentecostes Rios de Agua Viva
Rogers, AR 72758
(479) 544-0912

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DRAWN BY: G. Fox	JOB NUMBER: 16-129
SUBMITTED DATE: 2016-03-11	SCALE: As Noted
DRAWING NAME: 16-129 Details 001.dwg	
PROJECT NUMBER: C3-1	

Proposed Features:

Feature	Description
	Property Line
	Onsite Property Line
	Offsite Property Line
	Right-of-way Line
	Easement Line
	Street / Drive Centerline
	Curb And Gutter (See Site Plan For Size)
	Thickened Edge Of Pavement
	Edge Of Gravel
	Asphalt Pavement (see Detail Sheet For Pavement Sections)
	Concrete Pavement (see Detail Sheet For Pavement Sections)
	Concrete Sidewalk (See Site Plan For Dimensions)
	General Fence Line (See Plan For Type)
	Chain Link Fence Line
	Board Fence Line
	Storm Catch Basin(s)
	Ditch Line
	Fault Line / Grade Change
	Storm Pipe (See Grading Plan For Type And Size)
	Retaining Wall
	See Utility Plan For Line Sizes
	Water Line
	Tee, Cross, Bends, Gate Valve & Reducer
	Fire Hydrant & Assembly
	Single Water Meter
	Double Water Meter
	Sanitary Sewer Force Main
	Sanitary Sewer Line
	Sanitary Sewer Manhole
	Utility Pole
	Light Pole

Note:
• See Survey For Existing Features Legend.
• See Cover Sheet For Abbreviation List.

Grading Notes:

PRE-CONSTRUCTION:

- ✗ Prior to start of site grading, erosion control measures shall be installed in accordance to the erosion control plan. These erosion control measures, as a minimum, shall include all silt fencing, temporary sediment ponds, temporary construction entrances, and any other measures necessary to ensure that sediments does not leave the site.
- ✗ Contractor shall notify the appropriate Utility Companies and the State One-Call System a minimum of 48 hours prior to any excavation for the location of all underground utility lines that will be affected by this development. Please note that existing utilities noted on plan have been located with all available information and that exact location of utility lines may not be accurate.
- ✗ A pre-construction meeting shall be held on site once ALL Erosion Control Measures have been installed and prior to any site grading / construction / demolition.

GENERAL:

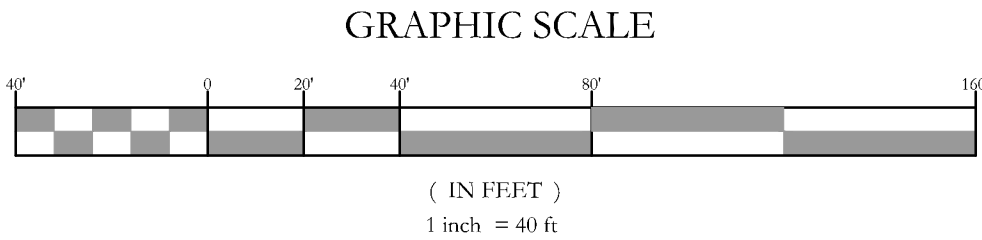
- ✗ Contractor shall install/use all required equipment so as to comply with all safety standards dictated by OSHA, Federal, State, and Local Regulations.
- ✗ Contractor shall coordinate with appropriate Utility Company as listed on the cover sheet for adjustment of utility lines affected by cut and fill.
- ✗ Areas to be graded shall be cleared and grubbed so as to remove all organic material including but not limited to vegetation, trees, roots, debris or other materials that would affect the stability of the fill. If uncertainty exists as to the suitability of any material, the contractor shall have a Registered Geotechnical Engineer make the final determination.
- ✗ Contractor shall ensure that the fill material be free of organic materials, frozen materials, muck, highly compressible materials, rocks, rubbish, timber, brush, stumps, building debris, and other materials that would negatively affect the fill material.
- ✗ Contractor shall stock pile and maintain all good top soil removed from areas to be graded and filled for use in final grading all critical / unpaved areas.
- ✗ Contractor shall proof roll subgrade of all areas to be paved prior to installation of paving materials. Any soft areas shall be removed and replaced with select fill and compacted as noted in the pavement section shown on the detail sheet.
- ✗ Contractor shall employ a Geotechnical Engineering / Inspection Firm registered with the State of Arkansas for inspection and testing of subgrade for proper compaction (95% standard proctor).

STORM SYSTEM:

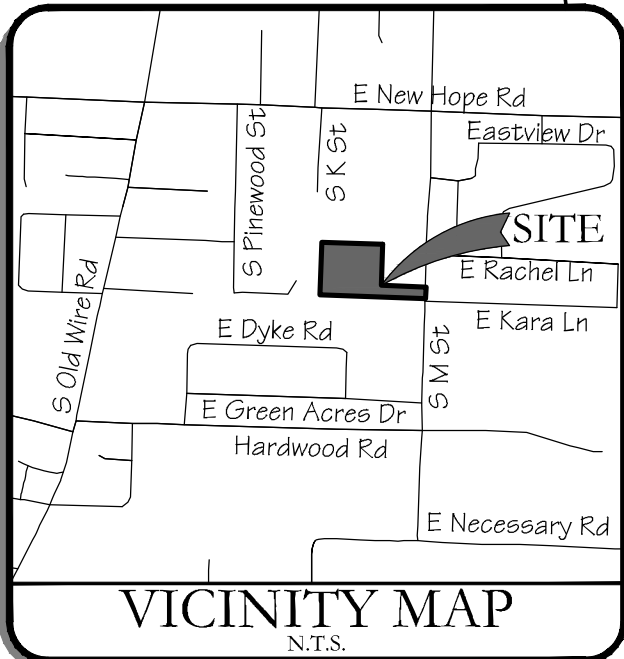
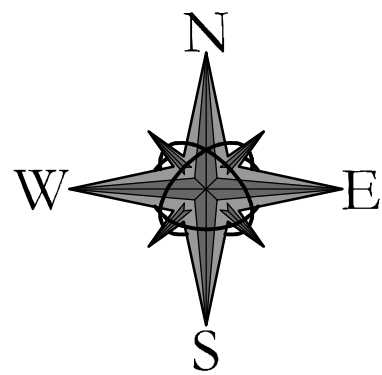
- ✗ All drainage structures under paved areas and / or areas expecting heavy duty traffic loading shall be designed to meet AASHTO Heavy Duty (H20) traffic loading.
- ✗ Storm pipe / box shall be bedded in accordance with the bedding detail and in accordance with the specifications of ASTM D2321 (latest edition available at <http://www.ASTM.org>).
- ✗ Storm system is measured from the center of the box and from the end of the flared end sections.
- ✗ Drainage structures shall be constructed so that the appropriate section of the box, such as the gutter for curb inlets, the grate for drop inlets, is at an elevation that will allow for the maximum drainage into the box in accordance with proposed grades and spot elevation shown on the plan. The contractor shall notify the engineer of record in the event of a discrepancy.
- ✗ All drainage structures located within the State or Local Right of Way shall be constructed in accordance with the specifications and details of the Appropriate Governing Agency.

POST-CONSTRUCTION:

- ✗ Contractor shall scarify any area to receive top soil to a min. depth of 3".
- ✗ All unpaved disturbed areas shall be graded smooth and receive a minimum of 4" of topsoil. The area shall be seeded and / or sodded in accordance with the landscape plan. The area shall be watered until a hardy cover of grass has been established and 70% of the site has been stabilized in accordance with ADEQ's Construction General Permit (ARR150000).
- ✗ Once the site has reached final stabilization in accordance to the requirements set forth in adeq's construction general permit, the contractor shall file a notice of termination.



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Grading & Drainage Plan

LSD /For:
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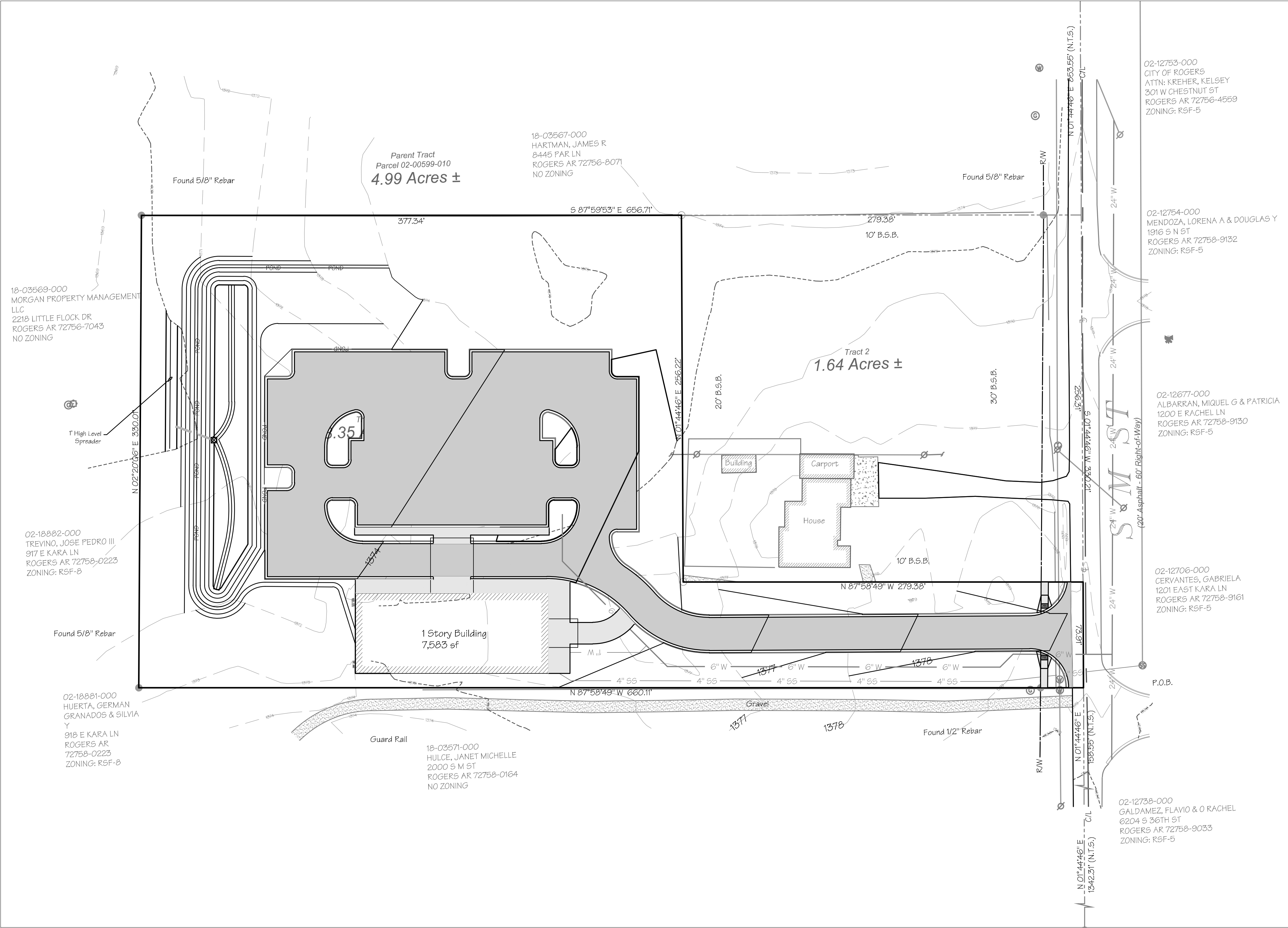
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DRAWN BY:	G. Foix	JOB NUMBER:	16-129
REVISION DATE:	2016-03-11	SCALE:	As Noted
DRAWING NAME:	16-129 Civil 001.dwg		
SHEET NUMBER:	C4		



Proposed Features:

Feature	Description
	Property Line
	Onsite Property Line
	Offsite Property Line
	Right-of-way Line
	Easement Line
	Street / Drive Centerline
	Curb And Gutter (See Site Plan For Size)
	Thickened Edge Of Pavement
	Edge Of Gravel
	Asphalt Pavement (See Detail Sheet For Pavement Sections)
	Concrete Pavement (See Detail Sheet For Pavement Sections)
	Concrete Sidewalk (See Site Plan For Dimensions)
	General Fence Line (See Plan For Type)
	Chain Link Fence Line
	Board Fence Line
	Storm Catch Basin(s)
	Storm Pipe (See Grading Plan For Type And Size)
	Retaining Wall
See Utility Plan For Line Sizes	
	Water Line
	Tee, Cross, Bends, Gate Valve & Reducer
	Fire Hydrant & Assembly
	Single Water Meter
	Double Water Meter
	Sanitary Sewer Force Main
	Sanitary Sewer Line
	Sanitary Sewer Service
	Sanitary Sewer Manhole
	Gas Line
	Overhead Electric Line
	Underground Electric Line
	Cable Television Line
	Fiber Optic Line
	Overhead Telephone Line
	Underground Telephone Line
	Utility Pole
	Light Pole

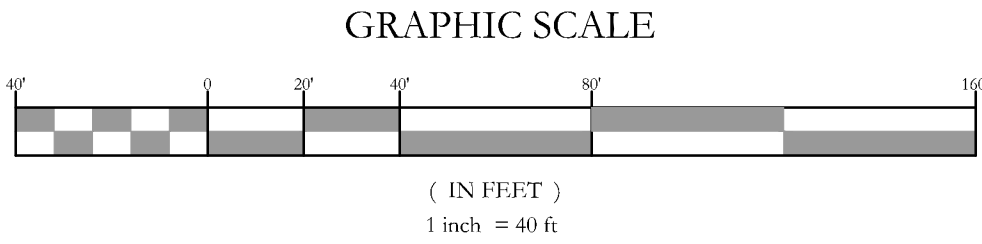
- Note:**
- Only symbols that appear on this sheet are shown in this legend.
 - See Survey For Existing Features Legend.
 - See Cover Sheet For Abbreviation List.

General Utility Notes:

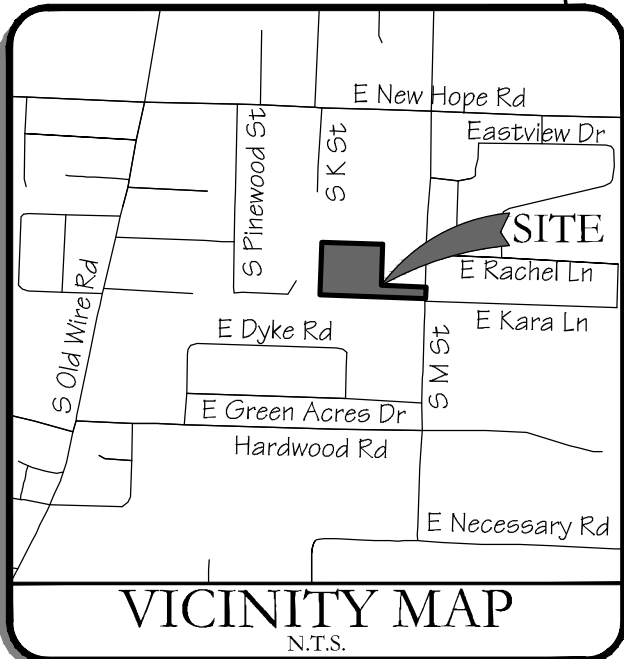
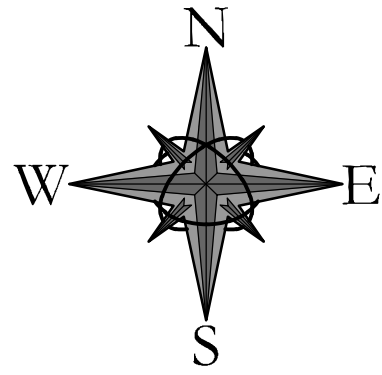
- THE CONTRACTOR SHALL CONTACT "ARKANSAS ONE-CALL" AND/OR THE APPROPRIATE UTILITY COMPANY A MINIMUM OF 48 HOURS PRIOR TO EXCAVATION. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ANY EXISTING UTILITY LINES AND SHALL COORDINATE WITH THE APPROPRIATE UTILITY COMPANY FOR REPAIR OF THE UTILITY.
- A PRE-CONSTRUCTION MEETING SHALL BE HELD PRIOR TO UTILITY CONSTRUCTION. THE CONTRACTOR SHALL SCHEDULE THE PRE-CONSTRUCTION MEETING WITH THE APPROPRIATE UTILITY AS REQUIRED AND WITH THE ENGINEER OF RECORD FOR THE PROJECT.
- WATER AND SEWER LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH ROGERS WATER UTILITIES (RWU) STANDARD SPECIFICATIONS - LATEST EDITION.
- WATER AND STORM LINES SHALL HAVE A MINIMUM OF EIGHTEEN (18) INCHES VERTICAL SEPARATION AND TEN (10) FOOT HORIZONTAL SEPARATION FROM SANITARY SEWER LINES. ENCASEMENTS MAY BE REQUIRED AS NOTED ON PLAN AND PROFILES.
- ALL PLUGS, CAPS, TEES, AND BENDS SHALL BE PROVIDED WITH REACTION BACKING / THRUST BLOCKING OR SHALL BE RESTRAINED JOINT PIPE. THE FITTING MUST BE BRACED AGAINST UNEXCAVATED EARTH AT THE END OF THE TRENCH WITH 3000 psi PC CONCRETE. RETAINER GLANDS MAY BE REQUIRED, AS DETERMINED BY RWU.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL OR PLUMBING DRAWINGS FOR UTILITY CONNECTION LOCATIONS FOR THE BUILDING.
- DIMENSIONS ARE TO THE FACE / CORNER OF THE BUILDING, FACE OF CURB, AND CENTERLINE OF PIPE AND FITTING.
- CONTRACTOR SHALL COORDINATE DISRUPTION OF UTILITY SERVICE(S) WITH ALL AFFECTED PROPERTY OWNERS.
- THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THE DRAWINGS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE DRAWINGS AND WE ASSUME NO RESPONSIBILITY AS TO THE ACCURACY OF THEIR DEPICTED LOCATION(S) ON THESE DRAWINGS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN, AND ALL OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE DRAWINGS BY VERIFICATION OF THEIR LOCATION IN THE FIELD PRIOR TO THE INITIATION OF THE ACTUAL PORTION OF THEIR WORK.
- CONTRACTOR SHALL OBTAIN AUTHORIZATION FROM (RWU) PRIOR TO CONNECTION TO ANY EXISTING WATER LINE, SEWER LINE, OR SEWER MANHOLE.
- PROPOSED UTILITIES THAT ARE TO BE BURIED WITHIN THE SAME TRENCH SHALL BE COORDINATED WITH AND APPROVED BY THE APPROPRIATE UTILITY COMPANIES.
- PROPOSED UTILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS / SPECIFICATIONS OF THE GOVERNING AGENCY.
- CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE UTILITY COMPANY FOR ADJUSTMENT OF UTILITY LINES AFFECTED BY CUT AND FILL.
- CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE UTILITY COMPANY FOR ROUTING OF GAS, TELEPHONE, CABLE, AND ELECTRICITY AS REQUIRED.
- CONTRACTOR SHALL MAINTAIN A MIN. OF 5 FOOT SEPARATION FROM WATER/SEWER AND STORM SEWER, GAS, ELECTRIC, STREET LIGHTS AND TELEPHONE IS REQUIRED.

Water Notes:

- ALL WATER LINES SHALL HAVE 3'-0" MIN. COVER ABOVE TOP OF PIPE.
- ALL WATER LINES SHALL BE BEDDED IN ACCORDANCE WITH RWU'S SPECIFICATIONS FOR PIPE BEDDING MATERIAL AND DETAIL.
- ALL WATER LINES SHALL BE INSPECTED PER RWU'S STANDARD SPECIFICATION & REQUIREMENTS.
- FIRE HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS / SPECIFICATIONS OF RWU.
- CONTRACTOR SHALL HAVE AN ACTIVE FIRE HYDRANT WITHIN 400' OF ANY BUILDING PRIOR TO CONSTRUCTION.



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Utility Plan

LSD /For: **Iglesia Pentecostes Rios de Agua Viva**
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Ana Arteaga
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Rogers, AR 72758
(479) 544-0912

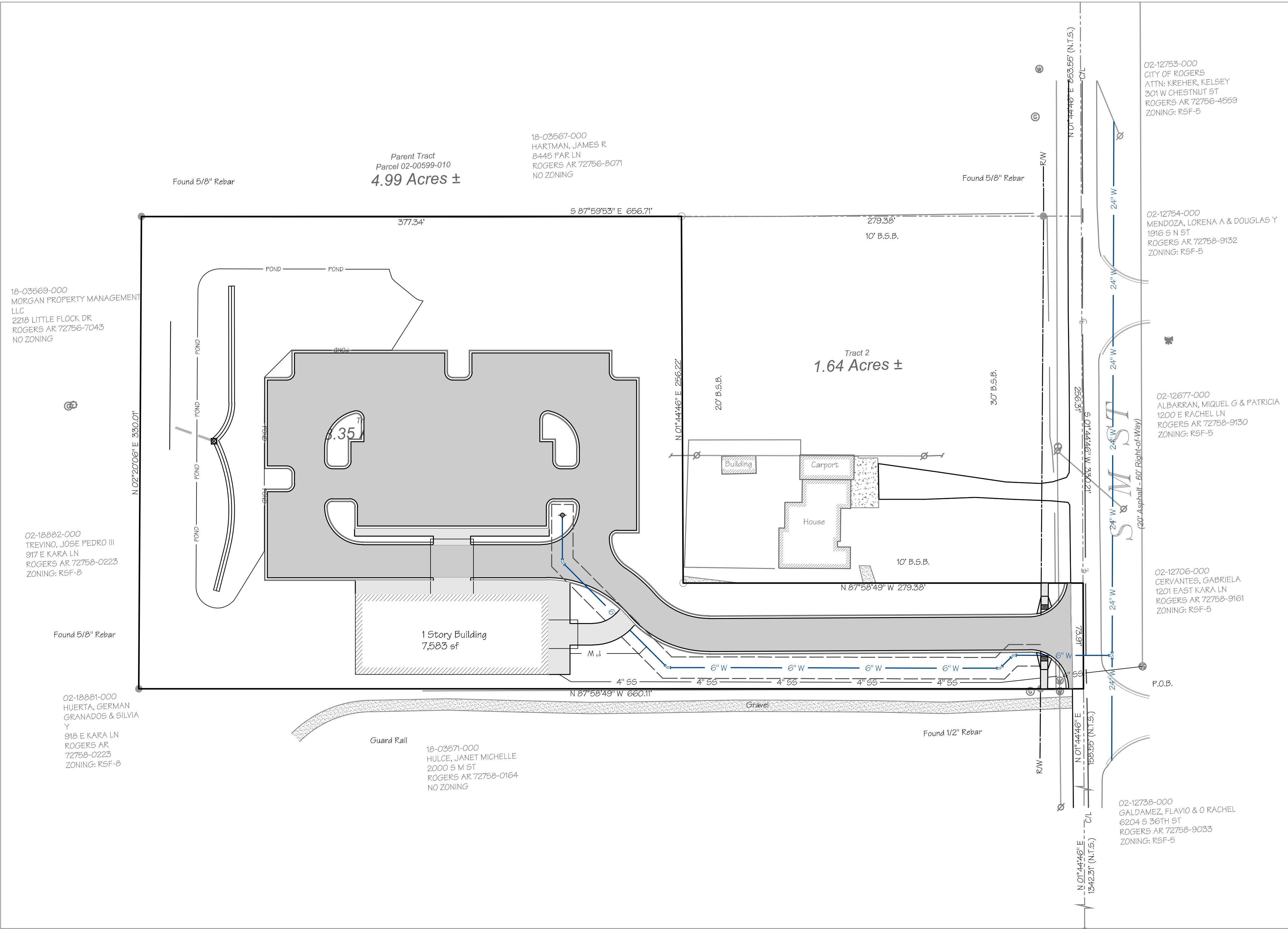
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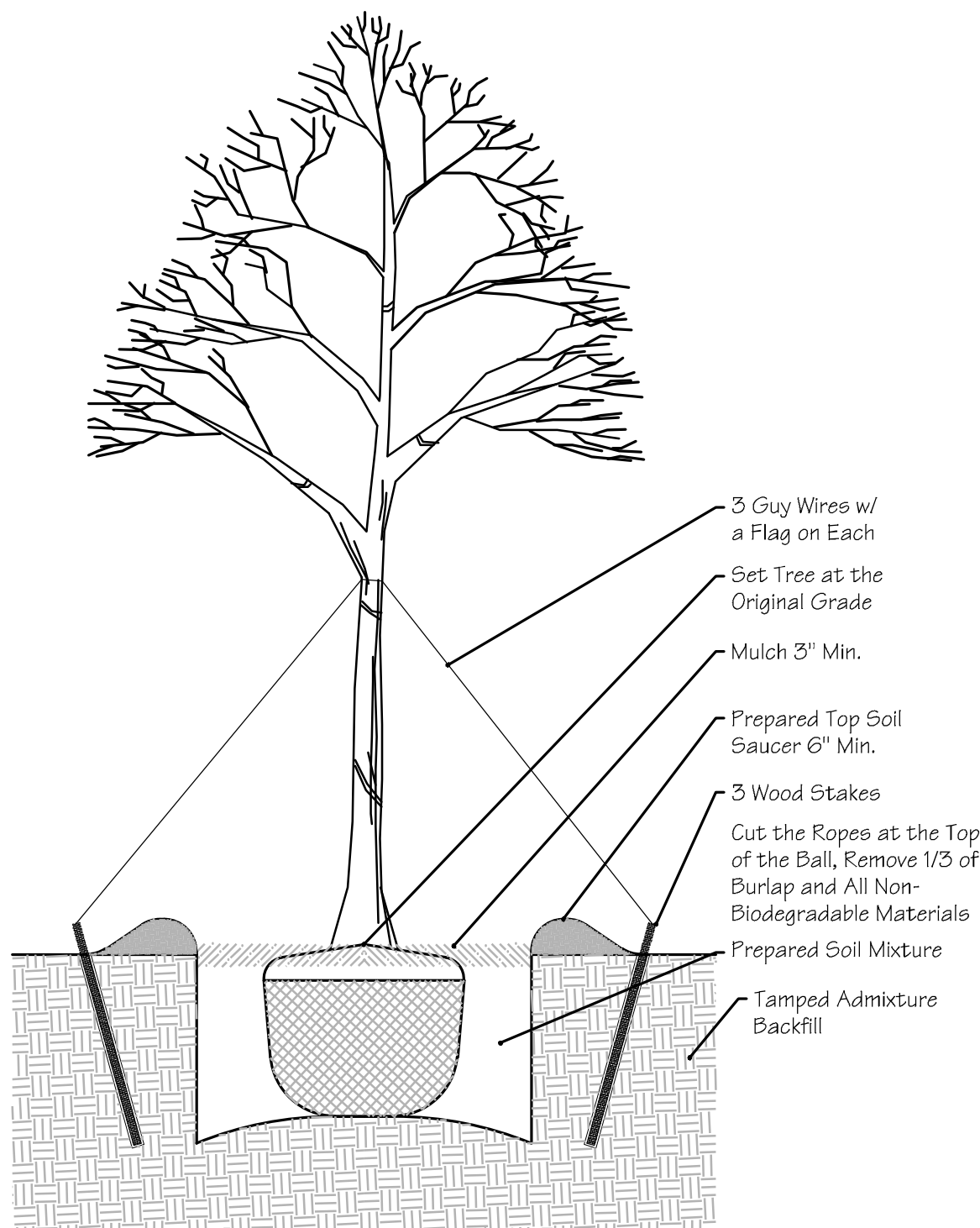
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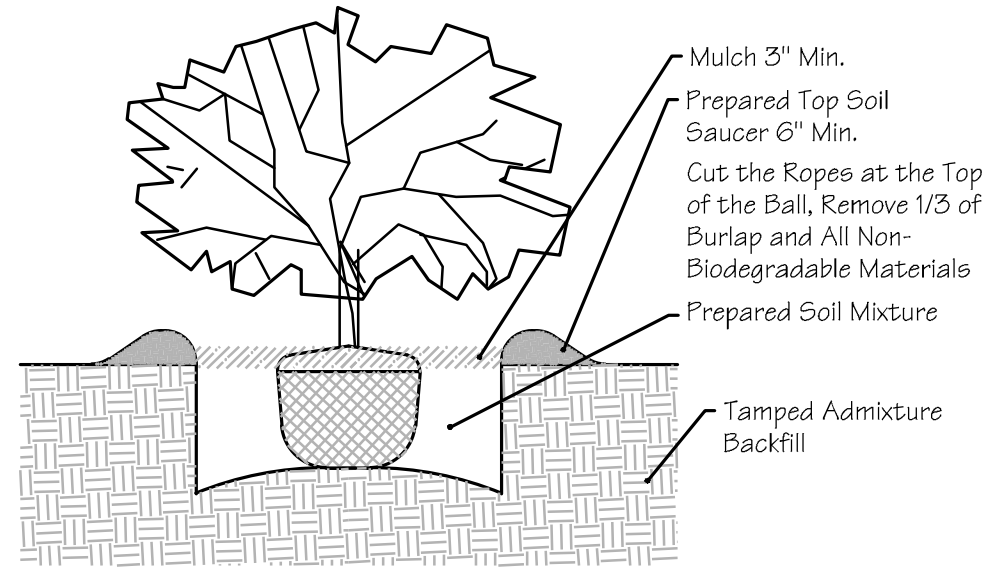
DRAWN BY:	G. Foix	JOB NUMBER:	16-129
REVISION DATE:	2016-03-11	SCALE:	As Noted
DRAWING NAME:	16-129 Civil 001.dwg		
SHEET NUMBER:	C5		



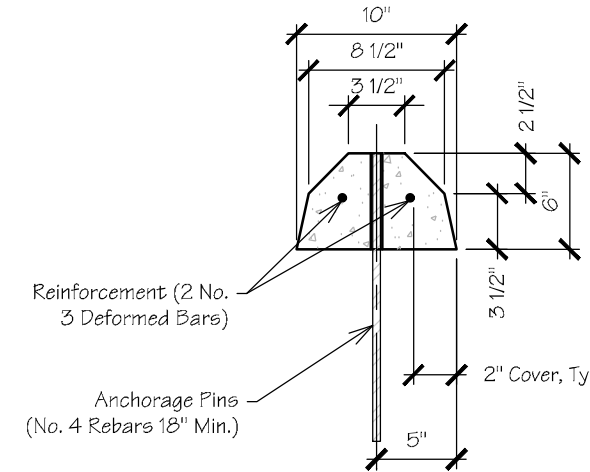
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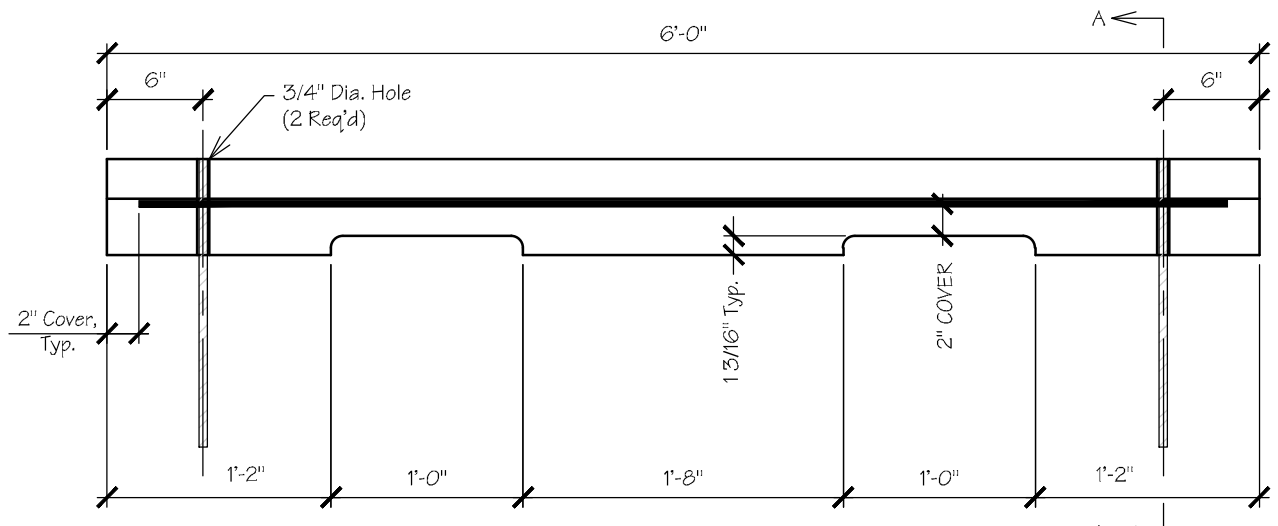
Tree Planting Detail
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Shrub Planting Detail
Scale: N.T.S.



Section A-A

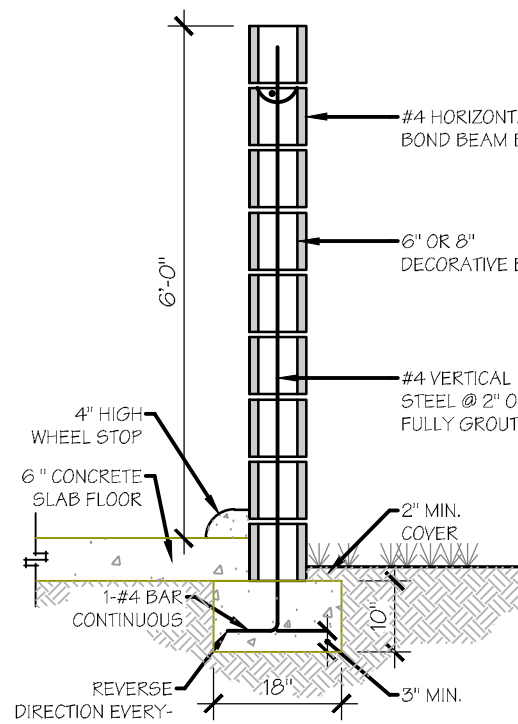


Precast Concrete Wheel Stop

Scale: 1" = 1'-0"

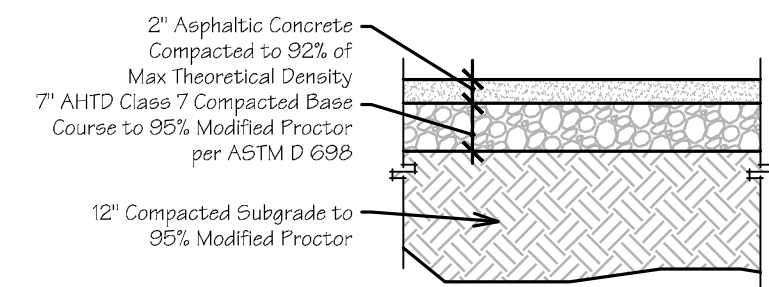
Notes:

- 1) Walls are to be of decorative block, masonry, or similar materials. (Not precast block)
- 2) Gates are to be of solid construction.
- 3) Pedestrian access is required if in residential or multi-tenant areas. Consult with the Planning Department for those requirements.
- 4) Double swing gates shall have the swing spots outside of the opening area of the enclosure. Swivel points shall be attached to concrete filled steel post/colums at ends of walls.
- 5) Enclosure shall be on a level pad at ground level. The area between the pad and the pick up area shall be a paved area 6' deep for the width of the enclosure and shall not exceed a grade of 2 percent.
- 6) Commercial enclosures shall be configured to allow the enclosure of two-three yard dumpsters.
- 7) Industrial enclosures shall be configured to allow the enclosure of three-three yard dumpsters.
- 8) Each bay shall have a separate pair of gates/doors that comply with item #2 above.
- 9) Minimum wall and gate height to be 6'-0"

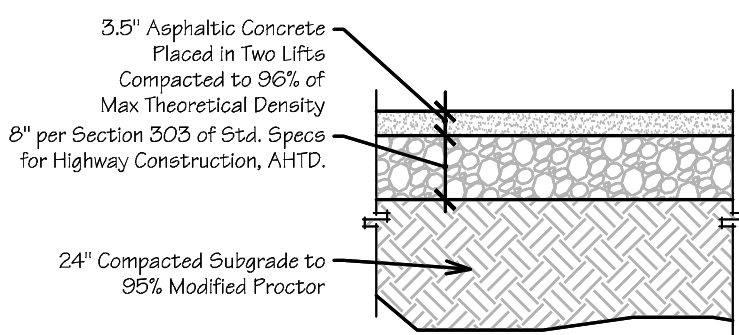


Section A-A
Scale: 1/2" = 1'-0"

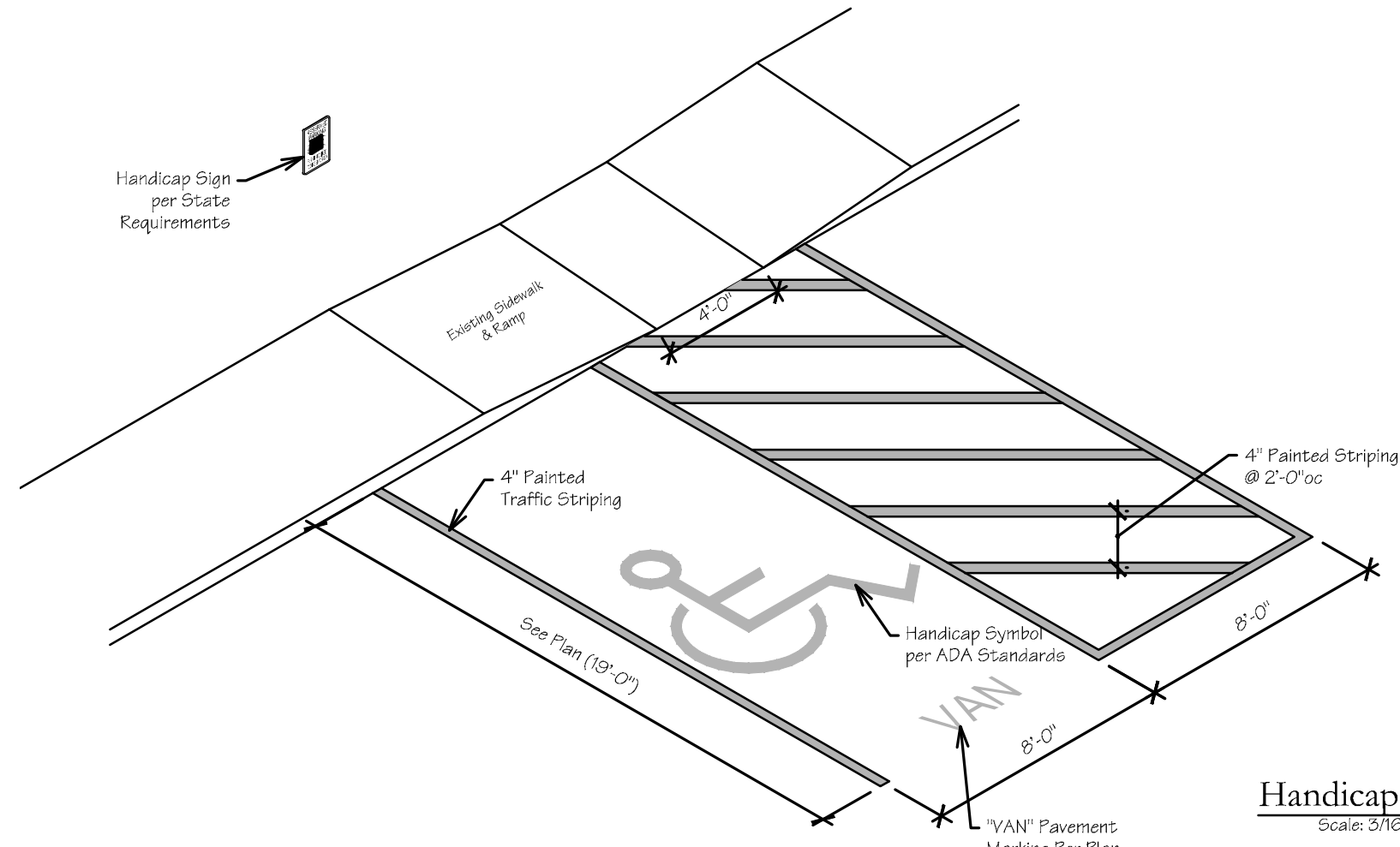
Concrete Block Trash Enclosure
Scale: As Noted



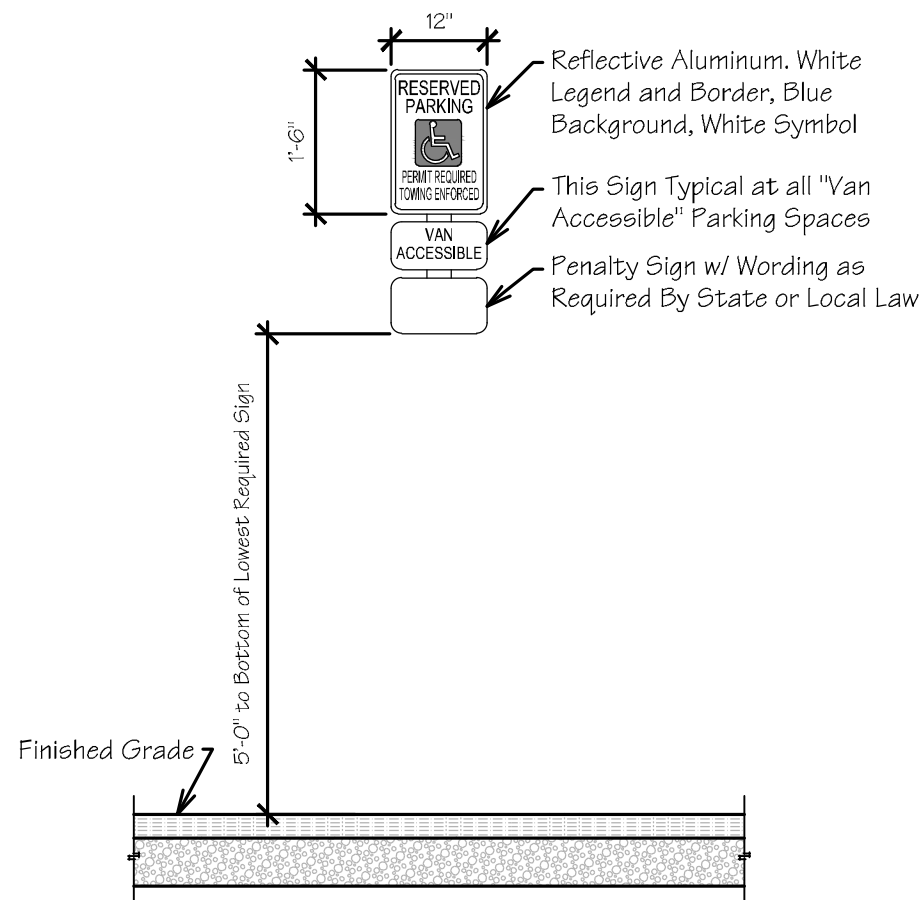
Standard Duty
Asphalt Pavement Section
Scale: 1/2" = 1'-0"



Heavy Duty
Asphalt Pavement Section
Scale: 1/2" = 1'-0"



Handicap Parking
Scale: 3/16" = 1'-0"



Handicap Sign Detail
Scale: 1/2" = 1'-0"

One At Each Handicap Space.



VICINITY MAP
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REVISIONS:	DATE:	DESCRIPTION:
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Details

LSD /For:

Iglesia Pentecostes Rios de Agua Viva

1926 South M Street

Ana Arteaga

Iglesia Pentecostes Rios de Agua Viva

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G. Fox	16-129
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